

**OLIFF & BERRIDGE, PLC**

ATTORNEYS AT LAW

**Application Data Sheet****Application Information**

Application Type:: Regular  
Subject Matter:: Utility  
CD-ROM or CD-R: None  
Title:: SEMICONDUCTOR APPARATUS AND THE  
MANUFACTURING METHOD, AND CIRCUIT BOARD AND  
ELECTRONIC DEVICE  
Attorney Docket Number:: 116884  
Suggested Drawing Figure:: 5  
Total Drawing Sheets:: 7  
Small Entity:: No

**Applicant Information**

Applicant Authority type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Fumiaki  
Family Name:: KARASAWA  
City of Residence:: Ina-shi  
Country of Residence:: Japan

Applicant Authority type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Takeshi  
Family Name:: YUZAWA  
City of Residence:: Chino-shi  
Country of Residence:: Japan

**Correspondence Information**

Correspondence Customer Number:: 25944

Foreign Priority Information			
Country::	Application Number::	Filing Date::	Priority Claimed::
Japan	2002-241827	08/22/2002	Yes
Assignee Information			
Assignee Name::		Seiko Epson Corporation	
Street of mailing address::		4-1, Nishi-shinjuku 2 chome, Shinjuku-ku	
City of mailing address::		Tokyo	
Country of mailing address::		Japan	
Postal or Zip Code of mailing address::		163-0811	